

Big trouble with DC in China

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2005-11/msg00346

- *From:* "max98037" <max98037@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 10 Nov 2005 16:48:03 -0800
-

Please help! Great wisdom is in need

We have a branch office in China – which is connected by a firewall-to-firewall IPsec VPN. Our connection is not at all without packet loss, by the way.

We have 2 other DCs in the states that support our main offices.

I just added a new DC/DNS/WINS server to support our branch office in China. I have added a site with the subnet and configured links. Since then, this server has so many errors in the event logs (KCC, DNS, FRS) that I wouldn't know where to start. But I'll list a few anyway:

Event Type: Warning
Event Source: NTDS KCC
Event Category: Knowledge Consistency Checker
Event ID: 1925
Date: 11/10/2005
Time: 4:20:17 PM
User: NT AUTHORITY\ANONYMOUS LOGON
Computer: PORTLAND
Description:
The attempt to establish a replication link for the following writable directory partition failed.

Directory partition:
CN=Configuration,DC=company,DC=com
Source domain controller:
CN=NTDS
Settings,CN=CHINA,CN=Servers,CN=China,CN=Sites,CN=Configuration,DC=company,DC=com
Source domain controller address:
22da5d1e-8271-4fcf-acb3-04d870397976._msdcs.dolan.corp
Intersite transport (if any):
CN=IP,CN=Inter-Site Transports,CN=Sites,CN=Configuration,DC=company,DC=com

This domain controller will be unable to replicate with the source domain controller until this problem is corrected.

Big trouble with DC in China

User Action

Verify if the source domain controller is accessible or network connectivity is available.

Additional Data

Error value:

1727 The remote procedure call failed and did not execute.

For more information, see Help and Support Center at <http://go.microsoft.com/fwlink/events.asp>.

Event Type: Warning

Event Source: NTDS KCC

Event Category: Knowledge Consistency Checker

Event ID: 1925

Date: 11/10/2005

Time: 4:13:56 PM

User: NT AUTHORITY\ANONYMOUS LOGON

Computer: PORTLAND

Description:

The attempt to establish a replication link for the following writable directory partition failed.

Directory partition:

CN=Schema,CN=Configuration,DC=company,DC=com

Source domain controller:

CN=NTDS

Settings,CN=CHINA,CN=Servers,CN=China,CN=Sites,CN=Configuration,DC=company,DC=com

Source domain controller address:

22da5d1e-8271-4fcf-acb3-04d870397976._msdcs.dolan.corp

Intersite transport (if any):

CN=IP,CN=Inter-Site Transports,CN=Sites,CN=Configuration,DC=company,DC=com

This domain controller will be unable to replicate with the source domain controller until this problem is corrected.

User Action

Verify if the source domain controller is accessible or network connectivity is available.

Additional Data

Error value:

1727 The remote procedure call failed and did not execute.

For more information, see Help and Support Center at <http://go.microsoft.com/fwlink/events.asp>.

Event Type: Warning

Event Source: DNS

Big trouble with DC in China

Event Category: None

Event ID: 4510

Date: 11/9/2005

Time: 9:35:13 PM

User: N/A

Computer: CHINA

Description:

The DNS server was unable to connect to the domain naming FSMO PORTLAND.company.com. No modifications to Directory Partitions are possible until the FSMO server is available for LDAP connections. The event data contains the error code.

For more information, see Help and Support Center at

<http://go.microsoft.com/fwlink/events.asp>.

Data:

0000: af 20 00 00 - ..

Event Type: Warning

Event Source: DNS

Event Category: None

Event ID: 4510

Date: 11/9/2005

Time: 9:35:13 PM

User: N/A

Computer: CHINA

Description:

The DNS server was unable to connect to the domain naming FSMO PORTLAND.company.com. No modifications to Directory Partitions are possible until the FSMO server is available for LDAP connections. The event data contains the error code.

For more information, see Help and Support Center at

<http://go.microsoft.com/fwlink/events.asp>.

Data:

0000: af 20 00 00 - ..

Event Type: Error

Event Source: DNS

Event Category: None

Event ID: 4016

Date: 11/9/2005

Time: 9:35:13 PM

User: N/A

Computer: CHINA

Description:

The DNS server timed out attempting an Active Directory service operation on ——. Check Active Directory to see that it is functioning properly. The event data contains the error.

For more information, see Help and Support Center at

<http://go.microsoft.com/fwlink/events.asp>.

Data:

Big trouble with DC in China

0000: 55 00 00 00 U...

These errors look so grimm that I am afraid to join our workstations over there to the domain. Could this be due to our unreliable link and if so is there nothing we can do to make this work? Please tell me it is possible I could have misconfigured something along the way. This is my first time preparing a DC overseas.

.

- ***Follow-Ups:***

- ◆ ***Re: Big trouble with DC in China***
 - ◇ *From: Ace Fekay [MVP]*
- ◆ ***Re: Big trouble with DC in China***
 - ◇ *From: smpclient*

- Prev by Date: ***Re: Minimal permissions to move user between OUs.***
- Next by Date: ***Re: Big trouble with DC in China***
- Previous by thread: ***Re: Minimal permissions to move user between OUs.***
- Next by thread: ***Re: Big trouble with DC in China***
- Index(es):
 - ◆ ***Date***
 - ◆ ***Thread***